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SIXTH INTERNATIONAL SYMPOSIUM ON
MULTIVARIATE ANALYSIS

Final Report

Grant AFOSR 83-0153

The Sixth International Symposium on Multivariate Analysis was held at the University of Pittsburgh during the period of July 25-29, 1983. This symposium was sponsored by the Air Force Office of Scientific Research, National Science Foundation, Office of Naval Research and the Center for Multivariate Analysis. Many distinguished workers in multivariate analysis in the world participated in the symposium. The topics covered at the symposium include

- multivariate analysis of variance,

- repeated measurement designs,

- scaling methods,

- pattern recognition,

- spline functions,

- classification,

- filtering and stochastic processes,

- asymptotic theory and large deviations,

- structural equations and modeling,

- graphical techniques,

- estimation, econometrics and time series,

- anthropology and human genetics,

- extreme value theory,

- large dimensional random matrices,

- estimation and decomposition of test statistics,

- iterative procedures,

- quality control and reliability,

- estimation and structure of models,

- nonparametric methods and distribution theory.

Both contributed papers and invited papers wer? presented. The invited papers will
be published as a volume by North-Holland Publishing Company under the title
"Multivariate Analysis VI." The volume is in the press. The contents of the volume
and a copy of the program of the symposium are attached.

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